Amendments to the Specification

Kindly add the following paragraph between the paragraphs beginning with "Figure 8 an additive…" and "A biological system that produces…" on page 2 of the English language translation provided by Applicants on January 9, 2006.

FIG. 9 shows an exemplary system.

Kindly add the following paragraph after the "Reference symbol list" table on page 6 of the English language translation provided by Applicants on January 9, 2006.

FIG. 9 is a system 900. System 900 comprises a biological system 910 and a computing device 930. Biological system 910 can produce a bio-signal 920. In one example, bio-signal 920 is used by a status observer (shown in parallel with the biological system in FIG. 2) to estimate a phase of biological system 910, as discussed throughout the specification. In one example, using a parallel status observer to minimize the error between an actual phase of biological system 910 and an estimated phase of biological system 910 can provide better reliability, greater speed, and a simultaneous reduction in computing power. In one example, a reduction in computing power can be achieved using computing device 930 to implement the function of the status observer. Computing device 930 can provide an output 940 of the estimated phase for biological system 910.